

CERTIFICATE OF ANALYSIS

(Certificate No. KMP017002-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

4-Chlorophenothiazine

Identification

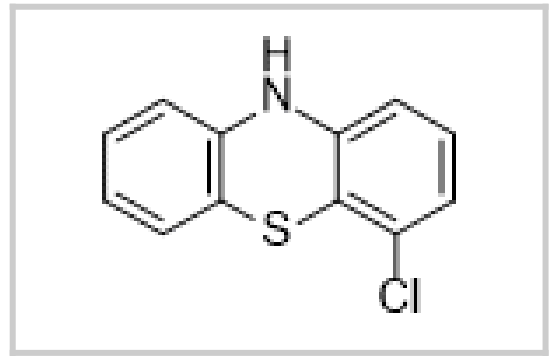
Chemical Name :
4-chloro-10H-phenothiazine

CAT No. : KMP017002

CAS No. : 7369-69-9

Molecular Formula : C₁₂H₈CIN₃S

Molecular Weight : 233.72



Analytical Information

Batch No. : 4-CH-PHE-030-114

Description : Off White Solid

HPLC Purity : 98.03 %

Weight Loss By TGA : 0.77 %

% Potency : 97.28 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.77(Weight Loss By TGA)] x [98.03(HPLC Purity)]/100 = 97.28 %

Remarks : Re-tested on 17.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA